

COMBINED DECLARATION AND POWER OF ATTORNEY
IN ORIGINAL APPLICATION

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled THERMAL PROCESSING SYSTEM AND METHODS FOR FORMING LOW-K DIELECTRIC FILMS SUITABLE FOR INCORPORATION INTO MICROELECTRONIC DEVICES, which is identified in the United States Patent Office by Serial No. 09/903,114, filed July 11, 2001.

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<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed</u>
<u>None</u>	<u> </u>	<u> </u>	Yes <u> </u> No <u> </u>
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<u>Provisional Number</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed</u>
<u>60/325,784</u>	<u>July 12, 2000</u>	Yes <u>X</u> No <u> </u>

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Address all correspondence to: David B. Kagan, Kagan Binder, PLLC, Suite 200, Maple Island Building, 221 Main Street North, Stillwater, Minnesota 55082; telephone 651-275-9804.

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Full name of first joint inventor: Devendra Kumar

Inventor's signature: Devendra Kumar

2/5/02
Date

Residence: 897 Altos Oaks Drive, Los Altos, California 94024

P.O. Address: same as above

Citizenship: United States of America

Full name of second joint inventor: Jeffrey D. Womack

Inventor's signature: _____ Date

Residence: 14309 Edenberry Drive, Lake Oswego, Oregon 97035

P.O. Address: same as above

Citizenship: United States of America

Full name of third joint inventor: Vuong P. Nguyen

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Residence: 1834 Mt. Laurel Lane, Allen, Texas 75002

P.O. Address: same as above

Citizenship: United States of America

Full name of fourth joint inventor: Jack S. Kasahara

Inventor's signature: _____ Date

Residence: 130 Old Adobe Road, Los Gatos, California 95030

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Full name of fifth joint inventor: Sokol Ibrani

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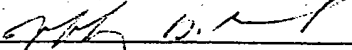
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Inventor's signature: _____ Date

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As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled THERMAL PROCESSING SYSTEM AND METHODS FOR FORMING LOW-K DIELECTRIC FILMS SUITABLE FOR INCORPORATION INTO MICROELECTRONIC DEVICES, which is identified in the United States Patent Office by Serial No. 09/903,114, filed July 11, 2001.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims. We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed</u>	
<u>None</u>	<u> </u>	<u> </u>	Yes <u> </u>	No <u> </u>
<u> </u>	<u> </u>	<u> </u>	Yes <u> </u>	No <u> </u>

We hereby claim the benefit under Title 35, United States Code, §119(e) of any United States Provisional application(s) identified below:

<u>Provisional Number</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed</u>	
<u>60/325,784</u>	<u>July 12, 2000</u>	Yes <u>X</u>	No <u> </u>

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Appln. Ser. No.</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
<u>None</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

We hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: Mark W. Binder, Reg. No. 32,642; David B. Kagan, Reg. No. 33,406; Daniel C. Schulte, Reg. No. 40,160; Dale A. Bjorkman, Reg. No. 33,084; and Kimberly S. Jordahl, Reg. No. 40,998.

Address all correspondence to: David B. Kagan, Kagan Binder, PLLC, Suite 200, Maple Island Building, 221 Main Street North, Stillwater, Minnesota 55082; telephone 651-275-9804.

We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: Devendra Kumar

Inventor's signature: _____

_____ Date

Residence: 897 Altos Oaks Drive, Los Altos, California 94024

P.O. Address: same as above

Citizenship: United States of America

Full name of second joint inventor: Jeffrey D. Womack

Inventor's signature: _____

Date

Residence: 14309 Edenberry Drive, Lake Oswego, Oregon 97035

P.O. Address: same as above

Citizenship: United States of America

Full name of third joint inventor: Vuong P. Nguyen

Inventor's signature: _____

Date

Residence: 1834 Mt. Laurel Lane, Allen, Texas 75002

P.O. Address: same as above

Citizenship: United States of America

Full name of fourth joint inventor: Jack S. Kasahara

Inventor's signature: _____

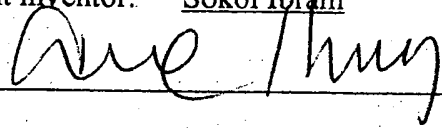
Date

Residence: 130 Old Adobe Road, Los Gatos, California 95030

P.O. Address: same as above

Citizenship: United States of America

Full name of fifth joint inventor: Sokol Ibrani

Inventor's signature: 

1/28/02

Date

Residence: 3692 Rockingham Drive, Pleasanton, California 94588

P.O. Address: same as above

Citizenship: United States of America

§1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kumar et al.	Examiner: Unknown
Serial No. To be Determined	Group Art Unit: 1762
Filed: Herewith	
For: THERMAL PROCESSING SYSTEM AND METHODS FOR FORMING LOW-K DIELECTRIC FILMS SUITABLE FOR INCORPORATION INTO MICROELECTRONIC DEVICES	Docket No. FSI0006/US/3

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.10, I certify that this application is being deposited on September 5, 2003, with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, with Express Mail Number EV 331043066 US

Paula J. Breeden
PAULA J. BREEDEN

ASSOCIATE POWER OF ATTORNEY

Dear Sir or Madam:

The undersigned Attorney for Applicant hereby appoints Paul John Parins, Reg. No. 54,358, as Associate Attorney in the above-identified application for the purpose of prosecuting said application, and to transact all business in the Patent Office connected therewith.

Dated: Sept. 5, 2003

Respectfully Submitted,

David B. Kagan
David B. Kagan, Reg. No. 33,406



33072

PATENT TRADEMARK OFFICE

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